



Instructions for Testing and Reporting 2005 Fine Aggregate Proficiency Sample

California Test Methods can be downloaded from <http://www.dot.ca.gov/hq/esc/ctms/>
Questions??? Call Hamid Moussavi at 916-227-7234.

SAMPLE PREPARATION: The following steps should be taken in handling the samples if a full series of tests is to be performed on the material provided:

1. Weigh and report weight of total sample before splitting the sample to nearest gram as listed on data sheet under **CT 201**.
2. Split the sample into representative portions for the various tests required. RSP tests **CT-202F, CT-207 & CT-217**.

CALIFORNIA TEST METHOD:

1. CT 201 – Method of Soil and Aggregate Sample Preparation

- Weigh and report the weight of total sample before splitting the sample to nearest gram

2. CT 202 – Method of Tests for Sieve Analysis of Fine and Coarse Aggregates

- **Report** the combined grading analysis of fine aggregate as the percent passing for all sieve sizes: 4.75-mm (No. 4), 2.36-mm (No. 8), 1.18-mm (No. 16), 600µm (No. 30), 300-µm (No. 50), 150-µm (No. 100), 75 µm (No. 200) to nearest whole percent.

3. CT 207 – Method of Test for Specific Gravity and Absorption of Fine Aggregate

- **Report** specific gravity values to the nearest hundredth. **Report** percent absorption to the nearest tenth of a percent.

4. CT 217 – Method of Test for Sand Equivalent

- When the clay reading falls between 1-unit graduations, record the level of the higher graduation
- If the calculated sand equivalent is not a whole number, report it as the next higher whole number.

ADDITIONAL NOTES:

1. By **January 13, 2006**, please return completed results on the Data Sheet provided.
2. Please pay particular attention to the units and/or significant figures indicated.